

FFCO



ENTERED

Waste Management Programs Group
Los Alamos National Laboratory
P.O. Box 1663, M969
Los Alamos, NM 87545
(505) 667-8160

National Nuclear Security Administration
Los Alamos Field Office
3747 West Jemez Road, A316
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Date: **MAY 04 2018**
Symbol: EPC-DO: 18-159
LA-UR: LA-UR-18-23800
Locates Action No.:



RETURN RECEIPT REQUESTED

Ms. Siona Briley, STP Project Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East Building 1
Santa Fe, New Mexico 87505-6303

Subject: Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED), per Section IX(A)(1), Deletion of Waste in the Federal Facility Compliance Order (FFCO), which requires that the Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) notify NMED of off-site shipments of waste included in the Site Treatment Plan (STP), and provide documentation of the receipt of the waste at an off-site storage facility within 45 days of its receipt.

In April 2014, LANS shipped waste to the Waste Control Specialists (WCS) facility in Andrews Texas for temporary off-site storage due to the closure of the Waste Isolation Pilot Plant (WIPP). WIPP is now operational and is accepting waste for final disposal.



This letter also notifies NMED that a total of 2 Standard Waste Boxes (SWB) on the STP inventory list. (3-55 gallon inner containers packaged in 2 SWBs, were received by WIPP for final disposal in March 2018, as detailed in the enclosed waste manifests (Enclosure 2).

In accordance with the requirements of Section XX of the FFCO, "*Documents, Information, and Reporting Requirements*," we certify, as the project managers responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory and for Los Alamos Site Office/National Nuclear Security Administration, which, to the best of our knowledge and belief, the information in this document is true, accurate, and complete.

If you have any questions, please contact Ellen E. Gammon at (505) 665-5587, or by email at eboyea@lanl.gov, or Adrienne L. Nash at (505) 665-5026, or by email at adrienne.nash@nnsa.doe.gov.

Sincerely,



Ellen Gammon
STP Project Manager
Waste Management Programs (WM-PROG)
Los Alamos National Security, LLC

Sincerely,



Adrienne Nash
STP Project Manager
Los Alamos Field Office
U.S. Department of Energy
National Nuclear Security Administration

EG/AN:aomm

Enclosure 1: MTRU Shipment Details Table
Enclosure 2: MTRU Shipment Manifests
Enclosure 3: NMED LETTER July 17 2014 Notice of Completion of Off-Site Waste Shipment for Storage Pending Disposal

Cy: John Kieling, NMED-HWB, (E-File)
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ENCLOSURE 1

MTRU Shipment Details Table

EPC-DO: 18-159

LA-UR: 18-23800

Date: MAY 04 2018

MTRU Shipment Details Table

CP Section	Container ID	Waste Stream	Acceptable Knowledge ID	Treatability Group	Manifest No.	Volume Removed from STP Inventory (m3)	Volume Shipped (m3)	Shipment Date
4	LASB50090/55323	LA-CIN01.001	CCP-AK-LANL-006	Solidified Organic and Inorganic Waste	014974194JJK	0.208	0.208	3/29/2018
4	LASB50090/LA00000069469	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	014974194JJK	0.208	0.208	3/29/2018
4	LASB500038/LA00000069267	LA-MHD01.001	CCP-AK-LANL-006	Noncombustible Waste	014974194JJK	0.208	0.208	3/29/2018

ENCLOSURE 2

MTRU Shipment Manifests

EPC-DO: 18-159

LA-UR: 18-23800

MAY 04 2018

Date: _____

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515	2. Page 1 of 1	3. Emergency Response Phone 505-667-5211	4. Manifest Tracking Number 014974194 JJK				
5. Generator's Name and Mailing Address WCS on behalf of LANL on behalf of U.S. DOE 9398 W State HWY 175 Andrews, TX 79714		Generator's Site Address (if different than mailing address) Los Alamos National Security LLC for TA-54 West, BLDG 36 Los Alamos, NM							
Generator's Phone: 432-525-6500									
6. Transporter 1 Company Name Cast Specialty Inc.		U.S. EPA ID Number COR000206722							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address USDOE in care of WIPP Nuclear Waste Partnership 30 miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 USA		U.S. EPA ID Number NM4890139088							
Facility's Phone: 575-234-8125									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
	X	1. RQ UN2916, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7. AM-241, Pu-239, Pu-240 1.605E+00 TBq, Solid/Oxide, Radioactive Yellow-II, T-03, USA/9218/B(U)F-96, TP-167	1	CM	1362	K	F001 D004	F002 D005	F005 D006
	X	2. RQ UN2916, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7. AM-241, Pu-239, 1.008E+00 TBq, Solid/Oxide, Radioactive Yellow-II, T-03, USA/9218/B(U)F-96, TP-177	1	CM	926	K	F001 D004	F002 D005	F005 D006
		3. UN2908, Radioactive Material, excepted package-empty packaging, 7, TP-181	1	CM	5645	K			
	4.								
14. Special Handling Instructions and Additional Information Shipment# WC180010; ERG#163; Tractor # C-49, Trailer # C-362; Gross Weight TP#167=7229 KG, LASB50090/14-105600, TP#177=6790 KG LASB50038/14-105555; TP#181=5645 KG.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <i>Steve Williams</i>		Signature <i>[Signature]</i>		Month Day Year 03 29 18					
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:						
	Transporter signature (for exports only):								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <i>Danny Ham</i>	Signature <i>[Signature]</i>	Month Day Year 3 25 18						
TRANSPORTER	Transporter 2 Printed/Typed Name		Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number								
	Facility's Phone:								
	18c. Signature of Alternate Facility (or Generator) Month Day Year								
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
	1	2	3	4					
DESIGNATED FACILITY	20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
	Printed/Typed Name		Signature		Month Day Year				

ENCLOSURE 3

NMED LETTER July 17 2014 Notice of Completion of Off-site Waste Shipment for Storage Pending Disposal

EPC-DO: 18-159

LA-UR: 18-23800

Date: MAY 04 2018



SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone (505) 476-6000 Fax (505) 476-6030
www.nmenv.state.nm.us



RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

July 17, 2014

Mr. Andrew Worker
STP Project Manager
Los Alamos Field Office
National Nuclear Security Administration
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Ms. Monica Noll
STP Project Manager
Waste Management Programs (WM-PROG)
Los Alamos National Laboratory
P.O. Box 1663, MS-K996
Los Alamos, NM 87545

**RE: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT FOR
STORAGE PENDING DISPOSAL, ACTIVITY 4.0, COMPLIANCE PLAN, SITE
TREATMENT PLAN, FEDERAL FACILITY COMPLIANCE ORDER
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-14-026**

Dear Mr. Worker and Ms. Noll:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (collectively, the Respondents) *Notice of Completion of Off-Site Waste Shipment for Storage Pending Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory* dated May 14, 2014, and received May 15, 2014, and referenced by WM-DO-14-039 and LA-UR-14-23406.

NMED has reviewed shipment activity and enclosed manifest and has the following comment:

Comment:

On February 14, NMED received notice of a release at the Waste Isolation Pilot Plant (WIPP) nuclear waste repository. The DOE identified that drum 68660 experienced an energetic chemical reaction which ultimately led to the release of radioactive material. Drum 68660 is part

Mr. Worker and Ms. Noll
July 17, 2014
Page 2

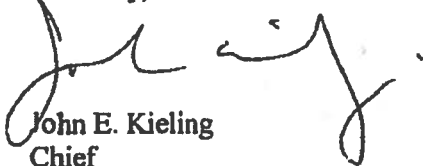
a nitrate salt waste stream identified as LA-MIN02-V.001. As stated in this manifest, approximately 153 containers from this waste stream were shipped to Waste Control Specialist, LLC, Texas (WCS) for temporary storage pending the reopening of WIPP between April 1-22, 2014.

As required by the NMED, the Permittees submitted the *Revised LANL Nitrate Salt-Bearing Waste Container Isolation Plan* on May 29, 2014, and the Permittees have begun to isolate all drums containing the associated nitrate salt-bearing waste stream (LA-MIN02-V.001). The Permittees report that these drums have been placed in standard waste boxes and are under continuous air and thermal monitoring (as of June 6, 2014).

The cause of the chemical reaction is still under investigation, and the need for additional remediation on these containers is unknown. In light of recent events, and the potential need to re-remediate all nitrate salt-bearing waste, NMED has determined that the removal of mixed transuranic waste (mixed-TRU) from the site treatment plan (STP) will be placed on hold until more information becomes available and it becomes clear that the waste currently stored at WCS will not be returned to LANL.

Please contact Siona Briley of my staff at (505) 476-6049 should you have any questions or concerns.

Sincerely,



John E. Kielling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
T. Hall, NMED HWB
S. Briley, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
A. Dorries, ENV-DO

File: LANL, Site Treatment Plan 4.0, May 14, 2014 and
Fiscal Year 2014.